



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

DATA MATRIX

Date: October 27, 2022	EPA Reg No./ File Symbol: 88541-1	Page 1 of 5
Applicant's/Registrant's Name and Address: Willowood Lambda-Cyhalothrin, LLC c/o Wagner Regulatory Associates Inc. P.O. Box 640, 7217 Lancaster Pike, Suite A Hockessin, DE 19707	Product: Willowood Lambda-Cyhalothrin Technical	
Ingredient: Lambda-Cyhalothrin		

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
PRODUCT SPECIFIC					
830.1550, 830.1600, 830.1650, 830.1670,	Product identity, composition/Description of materials Used to Produce the Product/Description of Formulation Process/Discussion of Formation of Impurities	48527101 49939701 52032401	Willowood Lambda-Cyhalothrin, LLC	Own	
830.1700	Preliminary Analysis	49939702 52032402	Willowood Lambda-Cyhalothrin, LLC	Own	
830.1750	Certification of Limits	49939701	Willowood Lambda-Cyhalothrin, LLC	Own	
830.1800	Enforcement Analytical Method	48539401 49939702 52032402	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6302	Color	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6303	Odor	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6304	Physical State	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6313	Stability to Normal & Elevated Temperatures	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6314	Oxidation/Reduction	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6315	Flammability	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6316	Explosibility	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6317	Accelerated Storage Stability	48909001	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6319	Miscibility	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.6320	Corrosion Characteristics	48909001	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7000	pH	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7050	UV/Visible Light Absorption	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	

Signature <i>Stephanie L. Herring</i>	Name and Title Stephanie Herring, Agent for Willowood Lambda-Cyhalothrin, LLC	Date October 27, 2022
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830.7100	Viscosity	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7200	Melting Point	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7220	Boiling Point	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7300	Relative Density	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7370	Dissociation Constants in Water	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7550	Octanol/Water Partition Coefficient	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7840	Solubility in Organic Solvents	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7840	Water Solubility	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
830.7950	Vapor Pressure	48527103	Willowood Lambda-Cyhalothrin, LLC	Own	
870.1100, 870.1200, 870.1300, 870.2400, 870.2500, 870.2600 and Generic Data	Acute Oral Toxicity, Acute Dermal Toxicity, Acute Inhalation Toxicity, Primary Eye Irritation, Primary Dermal Irritation, Skin Sensitization and Generic Data	Cite All	Bonide Products, LLC - 4	Pay	
			Syngenta Crop Protection, LLC - 100	Pay	
			Nufarm Americas, Inc. - 228	Pay	
			The Scotts Company - 239	Pay	
			Bayer Cropscience LP - 264	Pay	
			FMC Corporation - 279	Pay	
			BASF Corporation - 499	Pay	
			Intervet Inc D/B/A Merck Animal Health - 773	Pay	
			McLaughlin Gormley King Company, D/B/A Mgk - 1021	Pay	
			Pacific Chemical Div Pace National Corp - 4389	Pay	
			S.C. Johnson & Son, Inc. - 4822	Pay	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Helena Agri-Enterprises, LLC, D/B/A Helena Chemical Comp - 5905	Pay	
			Arxada, LLC - 6836	Pay	
			J.R. Simplot Company - 8917	Pay	
			Chemsico - 9688	Pay	
			Syngenta Crop Protection - 10182	Pay	
			Adama Makhteshim Ltd. - 11678	Pay	
			Drexel Chemical Company - 19713	Pay	
			Nufarm Limited - 35935	Pay	
			Albaugh, LLC - 42750	Pay	
			Control Solutions, Inc. - 53883	Pay	
			Valent U.S.A. LLC - 59639	Pay	
			Sipcam Agro USA, Inc. - 60063	Pay	
			Corteva Agriscience LLC - 62719	Pay	
			Management Contract Services, Inc. - 63823	Pay	
			Jesmond Holding Ag - 64321	Pay	
			Pyrethroid Working Group - 64977	Pay	
			Makhteshim Agan Of North America, Inc. - 66222	Pay	
			Spray Drift Task Force - 66607	Pay	
			Certis USA, LLC - 70051	Pay	
			UPL NA Inc. - 70506	Pay	

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Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			ISK Biosciences Corporation - 71512	Pay	
			LG Chem, Ltd. - 71532	Pay	
			Outdoor Residential Exposure Task Force, L.L.C. - 71754	Pay	
			Agricultural Reentry Task Force - 71755	Pay	
			Non-Dietary Exposure Task Force (Ndetf) - 73223	Pay	
			FIFRA Endangered Species Task Force, L.L.C. - 73989	Pay	
			Helm Agro Us, Inc. - 74530	Pay	
			Residential Exposure Joint Venture (REJV) - 74888	Pay	
			Agricultural Handler Exposure Task Force - 75234	Pay	
			Sharda Cropchem Limited - 82633	Pay	
			Winfield Solutions, LLC - 83222	Pay	
			Sharda USA LLC - 83529	Pay	
			Gat Microencapsulation Gmbh - 84575	Pay	
			Generic Endangered Species Task Force (GESTF) - 84653	Pay	
			Arcana, LLC - 84930	Pay	
			Kaizen Technologies, LLC - 86363	Pay	
			TF Holdings I, LLC - 86461	Pay	

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			Select Source, LLC - 86869	Pay	
			Willowood, LLC - 87290	Pay	
			Argite, LLC - 87373	Pay	
			Agromarketing Co, Inc - 87845	Pay	
			Smartvet USA, Inc. - 88050	Pay	
			Willowood Lambda Cyhalothrin, LLC - 88541	Own	
			Liberty Crop Protection, LLC - 89168	Pay	
			Central Garden & Pet Company - 89459	Pay	
			Council for the Advancement Of Pyrethroid Human Risk (CAPHRA) - 89813	Pay	
			Extremis, LLC - 91127	Pay	
			Atticus, LLC. - 91234	Pay	
			UPL Delaware, Inc. - 91813	Pay	

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